

Docket No. P1-37B

Assistant Commissioner for Patents  
Washington, DC 20231

## NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of Inventor(s):  
**Victor C. Esch, Luiz B. Da Silva, Paul J. Weber**

For (title): VASCULAR GRAFT WITH INTEGRATED SENSOR

19972 U.S. PTO  
10/619289  
07/15/03

## 1. Type of Application

☒ This new application is for an original patent.

☐ This new application is a:

- ☐ Division  
☐ Continuation  
☐ Continuation-in-part (CIP)

## 2. Benefit of Prior U.S. Application(s) (35 USC 120)

☐ The new application being transmitted claims the benefit of prior U.S. application(s).

Application Serial No. \_\_\_\_\_

Filing Date \_\_\_\_\_

3. ☒ Benefit under 35 U.S.C. 119(e) of United States provisional application(s) listed below:

60/421,981

October 29, 2002

Application Serial No. \_\_\_\_\_

Filing Date \_\_\_\_\_

## 4. Papers enclosed which are required for filing Date Under 37 CFR 1.53(b).

15 Pages of specification

8 Pages of claims

1 Pages of abstract

13 Sheets of drawings

☒ formal

☐ informal

## 5. Additional papers enclosed

- ☐ Preliminary Amendment
- ☐ Information Disclosure Statement
- ☐ Form PTO-1449
- ☐ Special Comments

**6. Declaration or oath**

- Enclosed and executed by
  - All of the inventors
  - ☐ legal representative of inventor(s) 37 CFR 1.42 or 1.43
- ☐ Not Enclosed

**7. Assignment**

- An assignment of the invention to Pearl Technology Holdings, LLC
  - is attached
  - ☐ will follow

**8. Certified Copy**

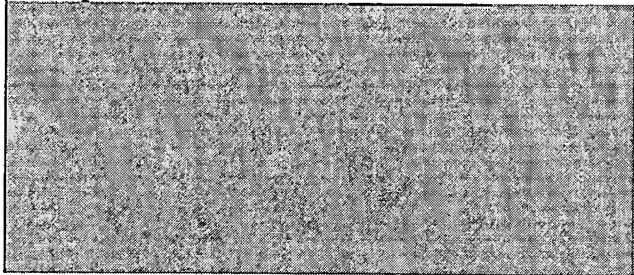
Certified copy(ies) of application(s)

|           |                   |         |
|-----------|-------------------|---------|
| (country) | (application no.) | (filed) |
| (country) | (application no.) | (filed) |

from which priority is claimed

- ☐ is(are) attached.
- ☐ will follow

**9. Fee Calculation**

| CLAIMS AS FILED   |              |                       |              |                          |             |
|---|--------------|-----------------------|--------------|--------------------------|-------------|
| Type of Claim   | Number Filed | Included in Basic Fee | Number Extra | Rate                     | Total Fee   |
| Total Claims  | 31           | -20 =                 | 11           | x \$18 =                 | \$ 198.00   |
| Independent Claims  | 3            | -3 =                  | 0            | x \$84 =                 | \$ 0.00     |
|  |              |                       |              | Multiple Claims          | = \$        |
|   |              |                       |              | Basic Filing Fee         | = \$ 750.00 |
|   |              |                       |              | Sub-Total                | = \$ 948.00 |
|   |              |                       |              | Small Entity Filing Fee= | \$ 474.00   |

10. **Small Entity Statement(s)**

- Applicants are entitled to Small Entity Status.

Filing Fee Calculation (50% of regular filing fee) \$ 474.00

11. **Fee Payment**

- ☐ Not Enclosed
- Enclosed

**Total Basic Filing Fees To Be Paid** \$ 474.00

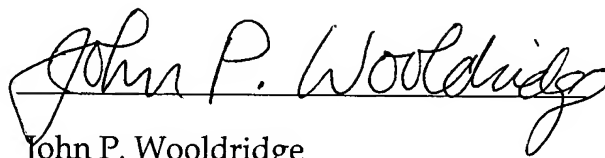
12. **Method of Payment of Fees**

- ☐ Check in the Amount of \_\_\_\_\_
- Charge Account No. 501330 in the amount of \$ 474.00

**A duplicate of this transmittal is attached.**

13. **Instructions As To Overpayment**

- credit/charge  
Account No. 501330
- ☐ refund



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ATTORNEY

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Dated: June 30, 2003



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Victor C. Esch et al.

Docket No.: P1-37B

Serial No. :

Art Unit:

Filed : July 10, 2003

Examiner:

For : Vascular Graft With Integrated Sensor

Commissioner for Patents  
Washington, D.C. 20231

CERTIFICATE OF MAILING UNDER 37 CFR 1.8(a)

I hereby certify that the *attached* correspondence comprising:

1. New Application Transmittal (3 sheets) (in duplicate);
2. Recordation Cover Sheet (in duplicate);
3. Assignment (2 sheets);
4. Declaration (2 sheets);
5. Application:  
(Specification 15 pages, Claims 8 pages, Abstract 1 page, Thirteen (13) sheets of formal drawings);
6. Certificate of Mailing; and
7. Return Postcard;

is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Mail Stop Patent Application  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

on 7/10/03

Heidi Stark

(Type or print name of person mailing paper)

Heidi Stark

(Signature of person mailing paper)